

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |                       |                 |                 |
|-------------|-----------------------|-----------------|-----------------|
| Applicant:  | Yuriy Zakharov et al. | Examiner:       | N/A             |
| Serial No.: | 10/685,983            | Group Art Unit: | N/A             |
| Filed:      | October 15, 2003      | Docket:         | G&C 184.2-US-11 |
| Title:      | EQUATION SOLVING      |                 |                 |

## CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on January 6, 2004.

By: W. J. Wood  
Name: William J. Wood

Mail Stop OFFICE OF INITIAL PATENT EXAMINATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

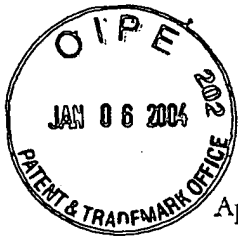
- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.
- ☒ Communication with marked-up copies of PTO Transmittal - New Filing transmittal sheet (in duplicate).
- ☒ Copy as filed on December 16, 2003: Verified statement - small entity status.
- ☒ Corrected Filing Fee charge of \$1862.00 to Deposit Account No. 50-0494.

Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers, if appropriate.

Please charge all requisite fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462  
**GATES & COOPER LLP**  
Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, CA 90045  
(310) 641-8797

By: W. J. Wood  
Name: William J. Wood  
Reg. No.: 42,236  
WJW/io

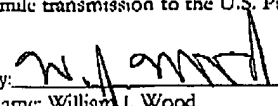


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |                       |                 |                 |
|-------------|-----------------------|-----------------|-----------------|
| Applicant:  | Yuriy Zakharov et al. | Examiner:       | N/A             |
| Serial No.: | 10/685,983            | Group Art Unit: | N/A             |
| Filed:      | October 15, 2003      | Docket:         | G&C 184.2-US-I1 |
| Title:      | EQUATION SOLVING      |                 |                 |

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By:   
Name: William J. Wood

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

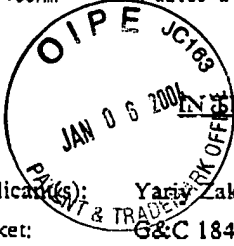
Dear Sir:

On October 15, 2003, the above-identified Continuation-in-Part application was filed with the U.S. Patent and Trademark Office via U.S. Postal Service, "Express Mail" mailing label number EV 329956011US.

It has recently been discovered that the calculations in the CLAIMS AS FILED for a small entity of the PTO Transmittal – New Filing sheets (in duplicate), as well as the Total Filing Fee, were in error, as noted by the asterisk (\*) below:

| Number of Claims Filed | In Excess of | Number Extra | Rate      | Fee         |
|------------------------|--------------|--------------|-----------|-------------|
| Basic Filing Fee       |              |              |           | \$ 385.00   |
| Total Claims           |              |              |           |             |
| 122                    | 20           | 102          | x \$ 9.00 | 918.00      |
| Independent Claims     |              |              |           |             |
| *18                    | 3            | *15          | x \$43.00 | *645.00     |
| TOTAL FILING FEE ..... |              |              |           | *\$1,948.00 |

Independent claims should read 16, with extra claims 13 x \$43 = \$559.00.



THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY

Applicant(s): Yury Zakharov and Timothy Conrad Tozer

Docket: G&amp;C 184.2-US-11

Title: EQUATION SOLVING

## CERTIFICATE OF MAILING UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV 329956011US

Date of Deposit: October 15, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Isabell Ogata  
Name: Isabell Ogata

## Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate Of Mailing Under 37 CFR 1.10.
- ☒ Continuation-in-Part Patent Application: Spec. 64 pgs; 122 claims; Abstract 1 pg(s).  
The fee has been calculated as shown below in the "Claims as Filed" table.
- ☒ 20 sheets of Formal Drawings
- ☒ Small entity status will be established at a later date
- ☒ An unsigned Combined Declaration and Power of Attorney
- ☒ A charge to Deposit Account No. 50-0494 in the amount of ~~\$1948.00~~ to cover the Filing Fees  
\$1862.00
- ☒ Return postcard

## CLAIMS AS FILED

| Number of Claims Filed       | In Excess of: | Number Extra | Rate      | Fee        |
|------------------------------|---------------|--------------|-----------|------------|
| Basic Filing Fee             |               |              |           | \$385.00   |
| Total Claims                 |               |              |           |            |
| 122                          | 20            | 102          | x \$9.00  | = \$918.00 |
| Independent Claims           |               |              |           |            |
| 16                           | 3             | 13           | x \$43.00 | = \$559.00 |
| MULTIPLE DEPENDENT CLAIM FEE |               |              |           | \$0.00     |
| TOTAL FILING FEE             |               |              |           | \$1862.00  |

Please charge all fees to Deposit Account No. 50-0494. A duplicate of this sheet is enclosed.

## GATES &amp; COOPER LLP

Howard Hughes Center

6701 Center Drive West, Suite 1050

Los Angeles, CA 90045

(310) 641-8797

By: William J. Wood

Name: William J. Wood

Reg. No.: 42,236

Initials: WJW/io

EV329956011US

(PTO TRANSMITTAL - NEW FILING)

**Gates & Cooper LLP**

Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, California 90045

**FAX TRANSMISSION TO USPTO**

TO: Commissioner for Patents  
Attn: O.I.P.E.  
Patent Examining Corps  
Facsimile Center  
Alexandria, VA 22313-1450

FROM: William J. Wood  
OUR REF.: G&C 184.2-US-I1  
TELEPHONE: (310) 642-4144

Total pages, including cover letter: 9

PTO FAX NUMBER: 703/746-4060

If you do NOT receive all of the pages, please telephone us at (310) 641-8797, or fax us at (310) 641-8798.

|                                |  |
|--------------------------------|--|
| Title of Document Transmitted: | COMMUNICATION with copies of PTO Transmittal - New Filing Transmittal Sheet (in duplicate) and copy of Verified Statement - Small Entity Status as filed on December 16, 2003. |
| Applicant:                     | Yuriy Zakharov et al.  |
| Serial No.:                    | 10/685,983   |
| Filed:                         | October 15, 2003   |
| Group Art Unit:                | N/A  |
| Our Ref. No.:                  | G&C 184.2-US-I1  |

Please charge all requisite fees to Deposit Account No. 50-0494 of Gates & Cooper LLP.

By: W.J. Wood

Name: William J. Wood

Reg. No.: 42,236

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Isabelle Ogata  
Signature

Jan. 6, 2004  
Date

WJW/io

G&C 184.2-US-I1

There are 16 independent claims in the application as follows: 1, 37, 39, 72, 74, 75, 80, 81, 82, 83, 84, 85, 108, 117, 118, and 120.

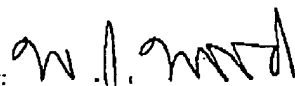
It is, therefore, respectfully requested that the Claims As Filed calculations be corrected to read: Basic Filing Fee \$385.00; Total Claims 122, Independent Claims 16, with a Total Filing Fee of \$1862.00. The Corrected Total Filing Fee (from \$1948.00) to \$1862.00 is to be charged to Deposit Account No. 50-0494.

Respectfully submitted,

GATES & COOPER LLP  
Attorneys for Applicant(s)

Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, California 90045  
(310) 641-8797

Date: January 6, 2004

By:   
Name: William J. Wood  
Reg. No.: 42,236

WJW/io

G&C 184.2-US-I1

COPY

**NONPROFIT ORGANIZATION**  
**STATEMENT CLAIMING SMALL ENTITY STATUS**  
**(37 C.F.R. 1.9(e) AND 1.27(d)) - NONPROFIT ORGANIZATION**

I hereby state that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: The University of York  
ADDRESS OF ORGANIZATION: Heslington, York, Yorkshire  
YO10 5DD, UNITED KINGDOM

**TYPE OF NONPROFIT ORGANIZATION:**

- a) ☒ UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION  
b) ☐ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3))  
c) ☐ NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA  
(NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_).  
d) ☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA  
e) ☐ WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA  
(NAME OF STATE \_\_\_\_\_)  
(NAME OF STATUTE \_\_\_\_\_)

I hereby state that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 C.F.R. 1.9(e) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention, entitled: EQUATION SOLVING by inventor(s) Yuriy Zakharov and Timothy Conrad Tozer described in:

- ☒ non-provisional patent application Serial No. 10/685,983, filed October 15, 2003.

I hereby state that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above-identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37b C.F.R. 1.9(c) or by any concern which would not qualify as a small business concern under 37 C.F.R. 1.9(d) or a nonprofit organization under 37 C.F.R. 1.9(e). \*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 C.F.R. 1.27)

|         |   |
|---------|---|
| NAME    | _____   |
| ADDRESS | _____   |
|         | <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> NONPROFIT ORGANIZATION |
| NAME    | _____   |
| ADDRESS | _____   |
|         | <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> NONPROFIT ORGANIZATION |

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as small entity is no longer appropriate. (37 C.F.R. 1.28(b))

COPY

NAME: Ms SALLY NEOCOSMOS  
TITLE: REGISTRAR  
ADDRESS: Heslington, York, Yorkshire  
YO10 5DD, UNITED KINGDOM  
SIGNATURE: S. Neocosmos  
DATE: 8 December 2003